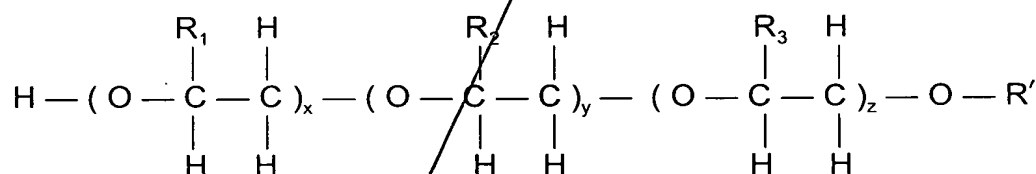


CLAIMS

What is claimed is:

1. A process for cleaning substrates comprising:  
cleaning the substrates with an organic solvent; and  
removing the organic solvent from the substrates using a pressurized fluid  
solvent;

wherein the organic solvent is of the structural formula:



wherein x, y, and z each is zero or one;

at least one of x, y, and z is one;

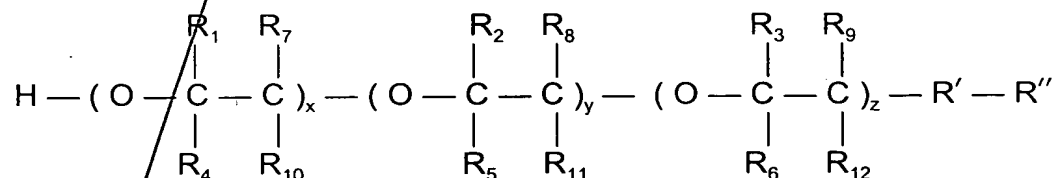
R' is C<sub>j</sub>H<sub>2j+1</sub> wherein j is an integer between one and (13-3(x+y+z)), inclusive;

and

R<sub>1-3</sub> are independently H or CH<sub>3</sub>.

2. A process for cleaning substrates comprising:  
cleaning the substrates with an organic solvent; and  
removing the organic solvent from the substrates using a pressurized fluid  
solvent;

wherein the organic solvent is of the structural formula:



wherein x, y, and z each is zero or one;

at least one of x, y, and z is one;

R'' is benzyl, phenyl, partially or fully fluorinated benzyl or phenyl, C<sub>j</sub>H<sub>2j+1</sub>, or C<sub>j</sub>H<sub>a</sub>F<sub>b</sub> wherein j is an integer between one and (13-3(x+y+z)), inclusive, a and b each is independently an integer between zero and 2j+1, inclusive, and a+b=2j+1;

Sub 1  
R<sub>1-12</sub> are independently C<sub>m</sub>H<sub>n</sub>F<sub>p</sub> or C<sub>d</sub>H<sub>e</sub>F<sub>g</sub> where m is an integer between zero and two, inclusive, n and p are integers between zero and five, inclusive and n+p=2m+1, d is an integer between zero and two, inclusive, e and g are integers between zero and five, inclusive, and e+g = 2d+1; and

R' is O, S, carbonyl or ester.

3. The process of claim 2 wherein:

R' is O;

R'' is C<sub>j</sub>H<sub>2j+1</sub>;

R<sub>1-3</sub> are independently H or CH<sub>3</sub>; and

R<sub>4-12</sub> each is H.

4. The process of claim 2 wherein:

R' is S, carbonyl or ester;

R'' is C<sub>j</sub>H<sub>2j+1</sub>;

R<sub>1-3</sub> are independently H or CH<sub>3</sub>; and

R<sub>4-12</sub> each is H.

5. The process of claim 2 wherein:

R' is O;

R'' is C<sub>j</sub>H<sub>2j+1</sub>;

R<sub>1-3</sub> are independently H, CH<sub>3</sub>, or C<sub>2</sub>H<sub>5</sub>; and

at least one of R<sub>1-3</sub> is CH<sub>2</sub>CH<sub>3</sub>; and

R<sub>4-12</sub> are each H.

6. The process of claim 2 wherein:

R' is S, carbonyl or ester;

R'' is C<sub>j</sub>H<sub>2j+1</sub>;

R<sub>1-3</sub> are independently H, CH<sub>3</sub>, or C<sub>2</sub>H<sub>5</sub>; and

at least one of R<sub>1-3</sub> is CH<sub>2</sub>CH<sub>3</sub>; and

R<sub>4-12</sub> are each H.

7. The process of claim 2 wherein:  
R' is O;  
R'' is C<sub>j</sub>H<sub>2j+1</sub>;  
R<sub>1-9</sub> are each H;  
R<sub>10-12</sub> are independently H or CH<sub>3</sub>; and  
at least one of R<sub>10-12</sub> is CH<sub>3</sub>.
8. The process of claim 2 wherein:  
R' is S, carbonyl or ester;  
R'' is C<sub>j</sub>H<sub>2j+1</sub>;  
R<sub>1-9</sub> are each H;  
R<sub>10-12</sub> are independently H or CH<sub>3</sub>; and  
at least one of R<sub>10-12</sub> is CH<sub>3</sub>.
9. The process of claim 2 wherein:  
R' is O;  
R'' is C<sub>j</sub>H<sub>2j+1</sub>;  
R<sub>1-9</sub> are each H;  
R<sub>10-12</sub> are independently H, CH<sub>3</sub>, or C<sub>2</sub>H<sub>5</sub>; and  
at least one of R<sub>10-12</sub> is CH<sub>2</sub>CH<sub>3</sub>.
10. The process of claim 2 wherein:  
R' is S, carbonyl or ester;  
R'' is C<sub>j</sub>H<sub>2j+1</sub>;  
R<sub>1-9</sub> are each H;  
R<sub>10-12</sub> are independently H, CH<sub>3</sub>, or C<sub>2</sub>H<sub>5</sub>; and  
at least one of R<sub>10-12</sub> is CH<sub>2</sub>CH<sub>3</sub>.

11. The process of claim 2 wherein:

$R'$  is O;

$R''$  is  $C_jH_aF_b$ ;

$R_{1-3}$  are independently H, F,  $CH_3$ ,  $CH_2F$ ,  $CHF_2$ , or  $CF_3$ ;

And at least one is  $CH_3$ ,  $CH_2F$ ,  $CHF_2$ , or  $CF_3$ ; and

$R_{4-12}$  are independently H or F.

12. The process of claim 2 wherein:

$R'$  is S, carbonyl, or ester;

$R''$  is  $C_jH_aF_b$ ;

$R_{1-3}$  are independently H, F,  $CH_3$ ,  $CH_2F$ ,  $CHF_2$ , or  $CF_3$ ;

And at least one is  $CH_3$ ,  $CH_2F$ ,  $CHF_2$ , or  $CF_3$ ; and

$R_{4-12}$  are independently H or F.

13. The process of claim 2 wherein:

$R_{1-3}$  are independently  $C_mH_nF_p$ ;

at least one of  $R_{1-3}$  is  $C_2H_nF_p$ ;

$R_{4-12}$  are independently H or F;

$R'$  is O; and

$R''$  is  $C_jH_aF_b$ .

14. The process of claim 2 wherein:

$R_{1-3}$  are independently  $C_mH_nF_p$ ;

at least one of  $R_{1-3}$  is  $C_2H_nF_p$ ;

$R_{4-12}$  are independently H or F;

$R'$  is S, carbonyl or ester; and

$R''$  is  $C_jH_aF_b$ .

15. The process of claim 2 wherein:  
R<sub>1-9</sub> are independently H or F;  
R<sub>10-12</sub> are independently H, F, CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>;  
at least one of R<sub>10-12</sub> is CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>;  
R' is O; and  
R'' is C<sub>j</sub>H<sub>a</sub>F<sub>b</sub>.
16. The process of claim 2 wherein:  
R<sub>1-9</sub> are independently H or F;  
R<sub>10-12</sub> are independently H, F, CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>;  
at least one of R<sub>10-12</sub> is CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>;  
R' is S, carbonyl or ester; and  
R'' is C<sub>j</sub>H<sub>a</sub>F<sub>b</sub>.
17. The process of claim 2 wherein:  
R' is O;  
R'' is C<sub>j</sub>H<sub>a</sub>F<sub>b</sub>;  
R<sub>1-3</sub> are independently C<sub>m</sub>H<sub>n</sub>F<sub>p</sub>;  
R<sub>4-9</sub> are independently H or F; and  
R<sub>10-12</sub> are independently C<sub>d</sub>H<sub>e</sub>F<sub>g</sub>.
18. The process of claim 2 wherein:  
R' is S, carbonyl or ester;  
R'' is C<sub>j</sub>H<sub>a</sub>F<sub>b</sub>;  
R<sub>1-3</sub> are independently C<sub>m</sub>H<sub>n</sub>F<sub>p</sub>;  
R<sub>4-9</sub> are independently H or F; and  
R<sub>10-12</sub> are independently C<sub>d</sub>H<sub>e</sub>F<sub>g</sub>.

19. The process of claim 2 wherein:  
R' is O;  
R'' is benzyl or phenyl;  
R<sub>1-3</sub> are independently H, CH<sub>3</sub>, or C<sub>2</sub>H<sub>5</sub>;  
at least one of R<sub>1-3</sub> is CH<sub>2</sub>CH<sub>3</sub>; and  
R<sub>4-12</sub> are each H.
20. The process of claim 2 wherein:  
R' is S, carbonyl or ester;  
R'' is benzyl or phenyl;  
R<sub>1-3</sub> are independently H, CH<sub>3</sub>, or C<sub>2</sub>H<sub>5</sub>;  
at least one of R<sub>1-3</sub> is CH<sub>2</sub>CH<sub>3</sub>; and  
R<sub>4-12</sub> are each H.
21. The process of claim 2 wherein:  
R' is O;  
R'' is benzyl or phenyl;  
R<sub>1-9</sub> are each H;  
R<sub>10-12</sub> are independently H or CH<sub>3</sub>; and  
at least one of R<sub>10-12</sub> is CH<sub>3</sub>.
22. The process of claim 2 wherein:  
R' is S, carbonyl or ester;  
R'' is benzyl or phenyl;  
R<sub>1-9</sub> are each H;  
R<sub>10-12</sub> are independently H or CH<sub>3</sub>; and  
at least one of R<sub>10-12</sub> is CH<sub>3</sub>.

23. The process of claim 2 wherein:  
R' is O;  
R'' is benzyl or phenyl;  
R<sub>1-9</sub> are each H;  
R<sub>10-12</sub> are independently H, CH<sub>3</sub>, or C<sub>2</sub>H<sub>5</sub>; and  
at least one of R<sub>10-12</sub> is CH<sub>2</sub>CH<sub>3</sub>.
24. The process of claim 2 wherein:  
R' is S, carbonyl or ester;  
R'' is benzyl or phenyl;  
R<sub>1-9</sub> are each H;  
R<sub>10-12</sub> are independently H, CH<sub>3</sub>, or C<sub>2</sub>H<sub>5</sub>; and  
at least one of R<sub>10-12</sub> is CH<sub>2</sub>CH<sub>3</sub>.
25. The process of claim 2 wherein:  
R'' is benzyl, phenyl, or partially or fully fluorinated benzyl or phenyl;  
R<sub>1-3</sub> are independently C<sub>m</sub>H<sub>n</sub>F<sub>p</sub>;  
at least one of R<sub>1-3</sub> is C<sub>2</sub>H<sub>n</sub>F<sub>p</sub>;  
R<sub>4-12</sub> are independently H or F; and  
R' is O.
26. The process of claim 2 wherein:  
R'' is benzyl, phenyl, or partially or fully fluorinated benzyl or phenyl;  
R<sub>1-3</sub> are independently C<sub>m</sub>H<sub>n</sub>F<sub>p</sub>;  
at least one of R<sub>1-3</sub> is C<sub>2</sub>H<sub>n</sub>F<sub>p</sub>;  
R<sub>4-12</sub> are independently H or F; and  
R' is S, carbonyl or ester.

27. The process of claim 2 wherein:

R'' is benzyl, phenyl, or partially or fully fluorinated benzyl or phenyl;

R<sub>1-9</sub> are independently H or F;

R<sub>10-12</sub> are independently H, F, CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>;

at least one of R<sub>10-12</sub> is CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>; and

R' is O.

28. The process of claim 2 wherein:

R'' is benzyl, phenyl, or partially or fully fluorinated benzyl or phenyl;

R<sub>1-9</sub> are independently H or F;

R<sub>10-12</sub> are independently H, F, CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>;

at least one of R<sub>10-12</sub> is CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>; and

R' is S, carbonyl or ester.

29. The process of claim 2 wherein:

R'' is benzyl, phenyl, or partially or fully fluorinated benzyl or phenyl;

R<sub>1-9</sub> are independently H or F;

R<sub>10-12</sub> are independently C<sub>m</sub>H<sub>n</sub>F<sub>p</sub>;

at least one of R<sub>10-12</sub> is C<sub>2</sub>H<sub>n</sub>F<sub>p</sub>; and

R' is O.

30. The process of claim 2 wherein:

R'' is benzyl, phenyl, or partially or fully fluorinated benzyl or phenyl;

R<sub>1-9</sub> are independently H or F;

R<sub>10-12</sub> are independently C<sub>m</sub>H<sub>n</sub>F<sub>p</sub>;

at least one of R<sub>10-12</sub> is C<sub>2</sub>H<sub>n</sub>F<sub>p</sub>; and

R' is S, carbonyl or ester.



31. The process of claim 2 wherein:

R' is O;

R'' is benzyl, phenyl, or partially or fully fluorinated benzyl or phenyl;

R<sub>1-3</sub> are independently C<sub>m</sub>H<sub>n</sub>F<sub>p</sub>;

R<sub>4-9</sub> are independently H or F; and

R<sub>10-12</sub> are independently C<sub>d</sub>H<sub>e</sub>F<sub>g</sub>.

32. The process of claim 2 wherein:

R' is S, carbonyl or ester;

R'' is benzyl, phenyl, or partially or fully fluorinated benzyl or phenyl;

R<sub>1-3</sub> are independently C<sub>m</sub>H<sub>n</sub>F<sub>p</sub>;

R<sub>4-9</sub> are independently H or F; and

R<sub>10-12</sub> are independently C<sub>d</sub>H<sub>e</sub>F<sub>g</sub>.

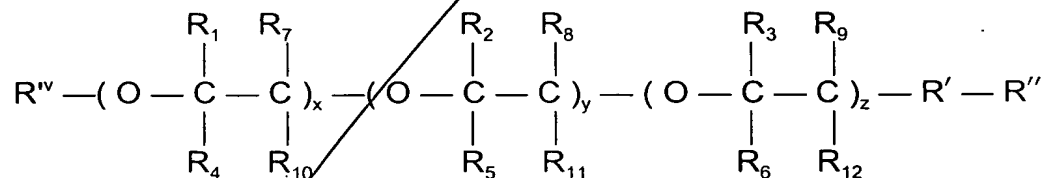
33. A process for cleaning substrates comprising:

cleaning the substrates with an organic solvent; and

removing the organic solvent from the substrates using a pressurized fluid

solvent;

wherein the organic solvent is of the structural formula:



wherein x, y, and z each is zero or one;

at least one of x, y, and z is one;

R'' is C<sub>j</sub>H<sub>u</sub>F<sub>v</sub> and R<sup>IV</sup> is C<sub>k</sub>H<sub>r</sub>F<sub>s</sub> wherein j and k are each an integer between one and (13-3(x+y+z)), inclusive, and j+k is an integer between two and (13-3(x+y+z)), inclusive, u and v are each an integer between zero and 2j+1, inclusive,

and  $u+v=2j+1$ , and  $r$  and  $s$  are each an integer between zero and  $2k+1$ , inclusive, and  $r+s=2k+1$ ;

$R_{1-3}$  and  $R_{10-12}$  are independently  $C_mH_nF_p$ , where  $m$  is an integer between zero and two, inclusive,  $n$  and  $p$  are integers between zero and five, inclusive and  $n+p=2m+1$ ;

$R_{4-9}$  are independently H, F or  $CH_3$ ; and  
 $R'$  is O, S, carbonyl or ester.

34. The process of claim 33 wherein:

$R'$  is O;

$R''$  is  $C_jH_{2j+1}$ ;

$R^{IV}$  is  $C_kH_{2k+1}$ ;

$R_{1-3}$  are independently H or  $CH_3$ ; and

$R_{4-12}$  are each H.

35. The process of claim 33 wherein:

$R'$  is S, carbonyl or ester;

$R''$  is  $C_jH_{2j+1}$ ;

$R^{IV}$  is  $C_kH_{2k+1}$ ;

$R_{1-3}$  are independently H or  $CH_3$ ; and

$R_{4-12}$  are each H.

36. The process of claim 33 wherein:

$R'$  is O;

$R''$  is  $C_jH_{2j+1}$ ;

$R^{IV}$  is  $C_kH_{2k+1}$ ;

$R_{1-3}$  are independently H,  $CH_3$ , or  $C_2H_5$ ;

at least one of  $R_{1-3}$  is  $CH_2CH_3$ ; and

$R_{4-12}$  are each H.

37. The process of claim 33 wherein:  
R' is S, carbonyl or ester;  
R'' is C<sub>j</sub>H<sub>2j+1</sub>;  
R<sup>IV</sup> is C<sub>k</sub>H<sub>2k+1</sub>;  
R<sub>1-3</sub> are independently H, CH<sub>3</sub>, or C<sub>2</sub>H<sub>5</sub>;  
at least one of R<sub>1-3</sub> is CH<sub>2</sub>CH<sub>3</sub>; and  
R<sub>4-12</sub> are each H.
38. The process of claim 33 wherein:  
R' is O;  
R'' is C<sub>j</sub>H<sub>2j+1</sub>;  
R<sup>IV</sup> is C<sub>k</sub>H<sub>2k+1</sub>;  
R<sub>1-9</sub> are each H;  
R<sub>10-12</sub> are independently H or CH<sub>3</sub>; and  
at least one of R<sub>10-12</sub> is CH<sub>3</sub>.
39. The process of claim 33 wherein:  
R' is S, carbonyl or ester;  
R'' is C<sub>j</sub>H<sub>2j+1</sub>;  
R<sup>IV</sup> is C<sub>k</sub>H<sub>2k+1</sub>;  
R<sub>1-9</sub> are each H;  
R<sub>10-12</sub> are independently H or CH<sub>3</sub>; and  
at least one of R<sub>10-12</sub> is CH<sub>3</sub>.
40. The process of claim 33 wherein:  
R' is O;  
R'' is C<sub>j</sub>H<sub>2j+1</sub>;  
R<sup>IV</sup> is C<sub>k</sub>H<sub>2k+1</sub>;  
R<sub>1-9</sub> are each H;  
R<sub>10-12</sub> are independently H, CH<sub>3</sub>, or C<sub>2</sub>H<sub>5</sub>; and  
at least one of R<sub>10-12</sub> is CH<sub>2</sub>CH<sub>3</sub>.

41. The process of claim 33 wherein:  
R' is S, carbonyl or ester;  
R'' is C<sub>j</sub>H<sub>2j+1</sub>;  
R<sup>IV</sup> is C<sub>k</sub>H<sub>2k+1</sub>;  
R<sub>1-9</sub> are each H;  
R<sub>10-12</sub> are independently H, CH<sub>3</sub>, or C<sub>2</sub>H<sub>5</sub>; and  
at least one of R<sub>10-12</sub> is CH<sub>2</sub>CH<sub>3</sub>.

42. The process of claim 33 wherein:  
R<sub>1-3</sub> are independently H, F, CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub>, or CF<sub>3</sub>;  
R<sub>4-12</sub> are independently H or F; and  
R' is O.

43. The process of claim 33 wherein:  
R<sub>1-3</sub> are independently H, F, CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub>, or CF<sub>3</sub>;  
R<sub>4-12</sub> are independently H or F; and  
R' is S, carbonyl or ester.

44. The process of claim 33 wherein:  
at least one of R<sub>1-3</sub> is C<sub>2</sub>H<sub>n</sub>F<sub>p</sub>;  
R<sub>4-12</sub> are each independently H or F; and  
R' is O.

45. The process of claim 33 wherein:  
at least one of R<sub>1-3</sub> is C<sub>2</sub>H<sub>n</sub>F<sub>p</sub>;  
R<sub>4-12</sub> are each independently H or F; and  
R' is S, carbonyl or ester.

Sub 37

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46. The process of claim 33 wherein:  
R<sub>1-9</sub> are independently H or F;  
R<sub>10-12</sub> are independently H, F, CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>;  
at least one of R<sub>10-12</sub> is CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>; and  
R' is O.

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47. The process of claim 33 wherein:  
R<sub>1-9</sub> are independently H or F;  
R<sub>10-12</sub> are independently H, F, CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>;  
at least one of R<sub>10-12</sub> is CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>; and  
R' is S, carbonyl or ester.

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48. The process of claim 33 wherein:  
R<sub>1-9</sub> are independently H, F, CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>;  
at least one of R<sub>10-12</sub> is C<sub>2</sub>H<sub>n</sub>F<sub>p</sub>; and  
R' is O.

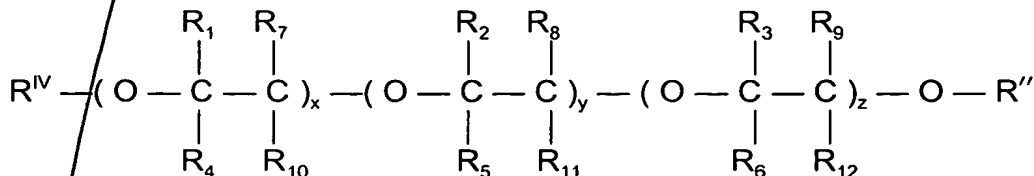
20

49. The process of claim 33 wherein:  
R<sub>1-9</sub> are independently H, F, CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>;  
at least one of R<sub>10-12</sub> is C<sub>2</sub>H<sub>n</sub>F<sub>p</sub>; and  
R' is S, carbonyl or ester.

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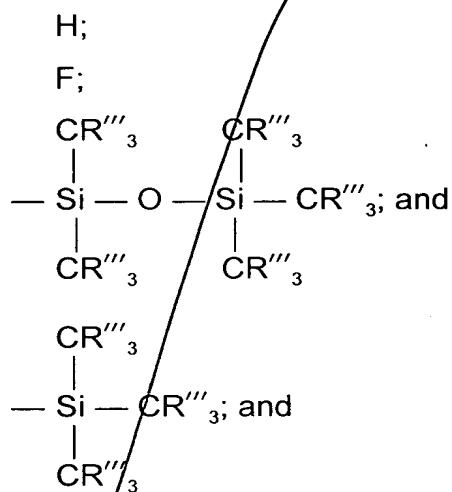
50. A process for cleaning substrates comprising:  
cleaning the substrates with an organic solvent; and  
removing the organic solvent from the substrates using a pressurized fluid  
solvent;

wherein the organic solvent is of the structural formula:



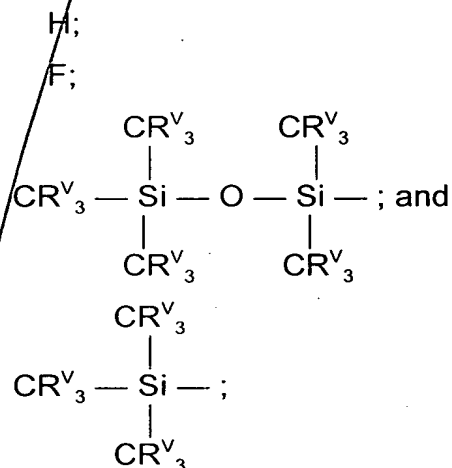
wherein x, y, and z are each zero or one,  
at least one of x, y, and z is one;

R'' is selected from the group including:



wherein R''' is H, F or combinations of H and F;

R<sup>IV</sup> is selected from the group including:



wherein R<sup>V</sup> is H, F or combinations of H and F; and

when R'' is H or F, R<sup>IV</sup> is not H or F.

R<sub>1-3</sub> are independently H, F, CH<sub>3</sub>, CH<sub>2</sub>F, CHF<sub>2</sub> or CF<sub>3</sub>; and

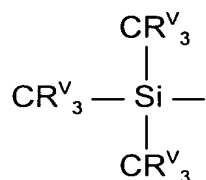
R<sub>4-12</sub> are independently H or F.

51. The process of claim 50 wherein:

$R^{IV}$  is:

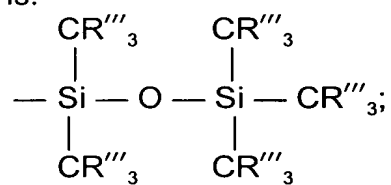
H

or



wherein  $R^V$  is H, F or combinations of H and F; and

$R''$  is:



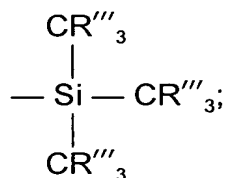
wherein  $R'''$  is H, F or combinations of H and F.

52. The process of claim 50 wherein:

$R''$  is:

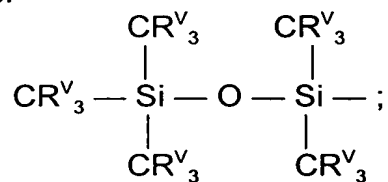
H

or



wherein  $R'''$  is H, F or combinations of H and F; and

$R^{IV}$  is:



wherein  $R^V$  is H, F or combinations of H and F.

53. The process of claim 50 wherein:

R'' is:

H;

F; or

CR'''<sub>3</sub>

— Si — CR'''<sub>3</sub>;

CR'''<sub>3</sub>

wherein R''' is H, F or combinations of H and F; and

R<sup>IV</sup> is:

H;

F; or

CR<sup>V</sup><sub>3</sub>

CR<sup>V</sup><sub>3</sub> — Si —

CR<sup>V</sup><sub>3</sub>

wherein R<sup>V</sup> is H, F or combinations of H and F; and

when R'' is H or F, R<sup>IV</sup> is not H or F.

54. The process of claim 50 wherein:

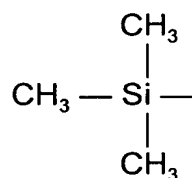
R<sub>1-3</sub> are independently H or CH<sub>3</sub>;

R<sub>4-12</sub> are each H;

R<sup>IV</sup> is:

H

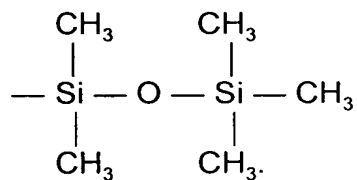
or



and



R'' is:



55. The process of claim 50 wherein:

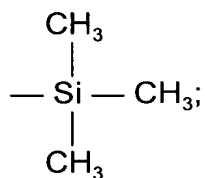
R<sub>1-3</sub> are independently H or CH<sub>3</sub>;

R<sub>4-12</sub> are each H;

R'' is:

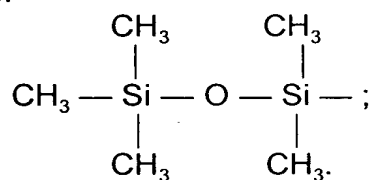
H

or



and

R<sup>IV</sup> is:



56. The process of claim 50 wherein:

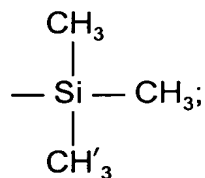
R<sub>1-3</sub> are independently H or CH<sub>3</sub>;

R<sub>4-12</sub> are each H;

R'' is:

H;

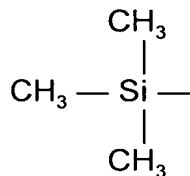
or



R<sup>IV</sup> is:

H;

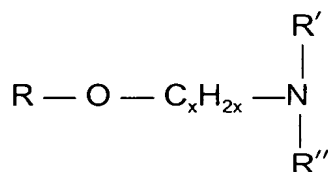
or



and when R'' is H, R<sup>IV</sup> is not H.

57. A process for cleaning substrates comprising:  
cleaning the substrates with an organic solvent; and  
removing the organic solvent from the substrates using a pressurized fluid  
solvent;

wherein the organic solvent is of the structural formula:



wherein R' is  $\text{H}_j - (\text{R}''' - \text{C} \begin{array}{c} \text{R}^{\text{IV}} \\ | \\ \text{R}^{\text{IV}} \end{array} - \text{C} \begin{array}{c} \text{R}^{\text{IV}} \\ | \\ \text{R}^{\text{IV}} \end{array})_k -$  and

R'' is  $\text{H}_j - (\text{R}''' - \text{C} \begin{array}{c} \text{R}^{\text{IV}} \\ | \\ \text{R}^{\text{IV}} \end{array} - \text{C} \begin{array}{c} \text{R}^{\text{IV}} \\ | \\ \text{R}^{\text{IV}} \end{array})_n -$

wherein R''' is O and j is 1 or R''' is N and j is 2;

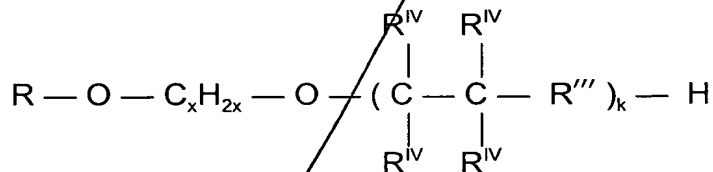
n is an integer between zero and two;

R<sup>IV</sup> are each independently H, CH<sub>3</sub> or CH<sub>2</sub>CH<sub>3</sub> and k is an integer  
between zero and two inclusive; and

wherein R is C<sub>y</sub>H<sub>2y+1</sub> and y is an integer between one and (12 - (3k+3n+x))  
inclusive, and x is an integer between one and (12-(3k+y)), inclusive.

58. A process for cleaning substrates comprising:  
cleaning the substrates with an organic solvent; and  
removing the organic solvent from the substrates using a pressurized fluid  
5 solvent;

wherein the organic solvent is of the structural formula:



wherein R''' is O and j is 1 or R''' is N and j is 2;

R<sup>IV</sup> are each independently H, CH<sub>3</sub> or CH<sub>2</sub>CH<sub>3</sub> and k is an integer between  
zero and two inclusive; and

wherein R is C<sub>y</sub>H<sub>2y+1</sub> and y is an integer between one and (12- (3k+x))  
inclusive, and x is an integer between one and (12-(3k+y)), inclusive.

add C6